Call Nr: QA 221.R4

General Computing Methods of Chebyshev Approximation (Cont.)

Shokhat, Ya.A.; Privalov, I.I.; Chudakov, Ye.A.; Vetchinkin, V.P.; Chaplygin, S.A.; Kunyavs'ka, K.S.; Linnik, Z.A.; Zukhovitskiy, S.I.; Stefensen, I.F.; Kalinovskaya, S.S.; Kautorovich, L.V.; Shteynberg, A.S.; Delone, B.N.; Rubinshteyn, G.Sh.; Shilov, G.Ye.; Fikhtengol'ts, G.M.; Chernikov, S.N.; Aleksandrov, A.D.; Kreyn, M.G.; Gnedenko, B.V., Member, Academy of Sciences, Uk-SSR, Director of Mathematical Institute, Academy of Sciences, USSR; Korolyuk, V.S., Candidate of Physical and Mathematical Sciences; Yushcheuko, A.A.

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General Computing Methods of Chebyshev Approximation (Cont.)

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General Computing Methods of Chebyshev Approximation (Cont.)

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General Computing Methods of Chebyshev Approximation

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General Computing Methods of Chebyshev Approximation (Cont.)

AVAILABLE: Library of Congress

LK/mal
May 27, 1958

Card 31/31

87142

S/041/60/012/003/006/011
C111/C222

AUTHORS: Remez, Ye.Ya., and Gavrilyuk, V.T.

TITLE: Numerical Elaboration of Some Arrangements for an Approximate Construction of the Solutions of Chebyshev Problems With Parameters Appearing Nonlinear. I.

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, 1960, Vol. 12, No. 3, pp. 324 - 338

TEXT: The paper contains a detailed representation of the results formulated by Ye.Ya. Remez in (Ref. 3,4) and a number of numerical examples calculated with table-computers in the Calculation Laboratory of the Mathematical Institute of the Academy of Sciences of the Ukrainskaya SSR under the leading of V.T. Gavrilyuk.
The authors consider the problem

$$(1)\quad \max_{\varphi \in E} \left| \Phi(\varphi; z_1, \ldots, z_n) \right| = \bar{L}(z_1, \ldots, z_n) = \bar{L}(z) = \min (= \bar{\varrho}) .$$

where the abstract argument φ of the function Φ continuous in φ varies in a given compactum E, while the parameter vector z varies either in the

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Numerical Elaboration of Some Arrangements for an Approximate Construction of the Solutions of Chebyshev Problems With Parameters Appearing Nonlinear.I.

whole Euclidean R_n or in an open set $G \subseteq R_n$; where $\phi(\mathcal{C}; z)$ is two times continuously differentiable with respect to $z_1, \ldots, z_n$. By replacing E by a suitably (cf. (Ref. 2, § 31)) chosen subset - the net $e_N = \{\mathcal{C}_1, \ldots, \mathcal{C}_N\} \subset E$ $(N > n)$ - the solution of (1) is reduced to the solution of

$$(4) \quad \max_{\mathcal{C} \in e_N} |\phi(\mathcal{C}; z)| = \max_{i=\overline{1,N}} |\phi(\mathcal{C}_i; z)| = L(z) = \min (= \rho)$$

This problem is understood (in the sense of Chebyshev's best uniform approximation) as the problem of the solution of N incompatible equations with n unknowns :

$$(5) \quad \phi(\mathcal{C}_i; z_1, z_2, \ldots, z_n) = 0 \quad , \quad i = \overline{1,N}$$

If z^* is an approximate solution of (4) and putting $z_j = z_j^* = \zeta_j$ then

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permanent control

$$\inf_{z \in G} L(z) < L(z_*) - \bar{A}$$

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C111/C222

Numerical Elaboration of Some Arrangements for an Approximate Construction of the Solutions of Chebyshev Problems With Parameters Appearing Nonlinear.I

is satisfied, where $\bar{A}$ denotes the lower boundary which is fixed for $\bar{\xi}$ (cf. (Ref. 2) in the linear case). The improved solution must often be chosen not in the form $z_k = z^* + \varepsilon^{(0)}$ but as $z_k = z^* + \alpha\varepsilon^{(0)}$ $(0 < \alpha \leq 1)$ in order to guarantee the monotone decrease of L(z) in (5).
Three numerical examples are given.
There is 1 table and 19 references : 13 Soviet, 3 German, 2 English and 1 Belgian.
[Abstracter's note : A detailed understanding of the present paper (especially of the examples) is only possible with the knowledge of the book of Remez (Ref. 2) since the authors permanently refer to (Ref. 2) and use notions and notations of (Ref. 2) without any explanation. (Ref. 2) concerns the book of Ye.Ya. Remez : General Numerical Methods of Chebyshev's Approximations, 1957]

SUBMITTED: January 14, 1960

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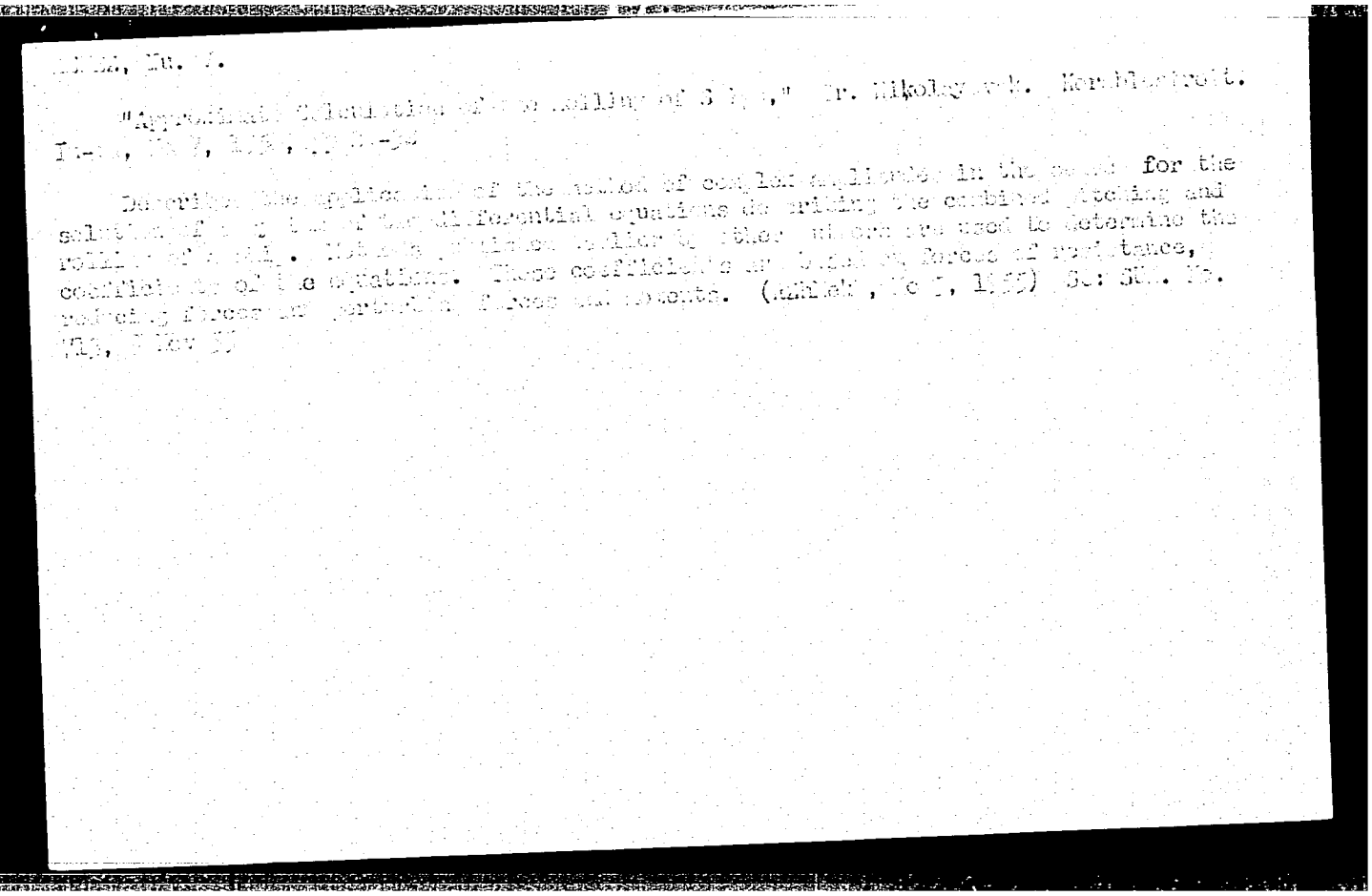

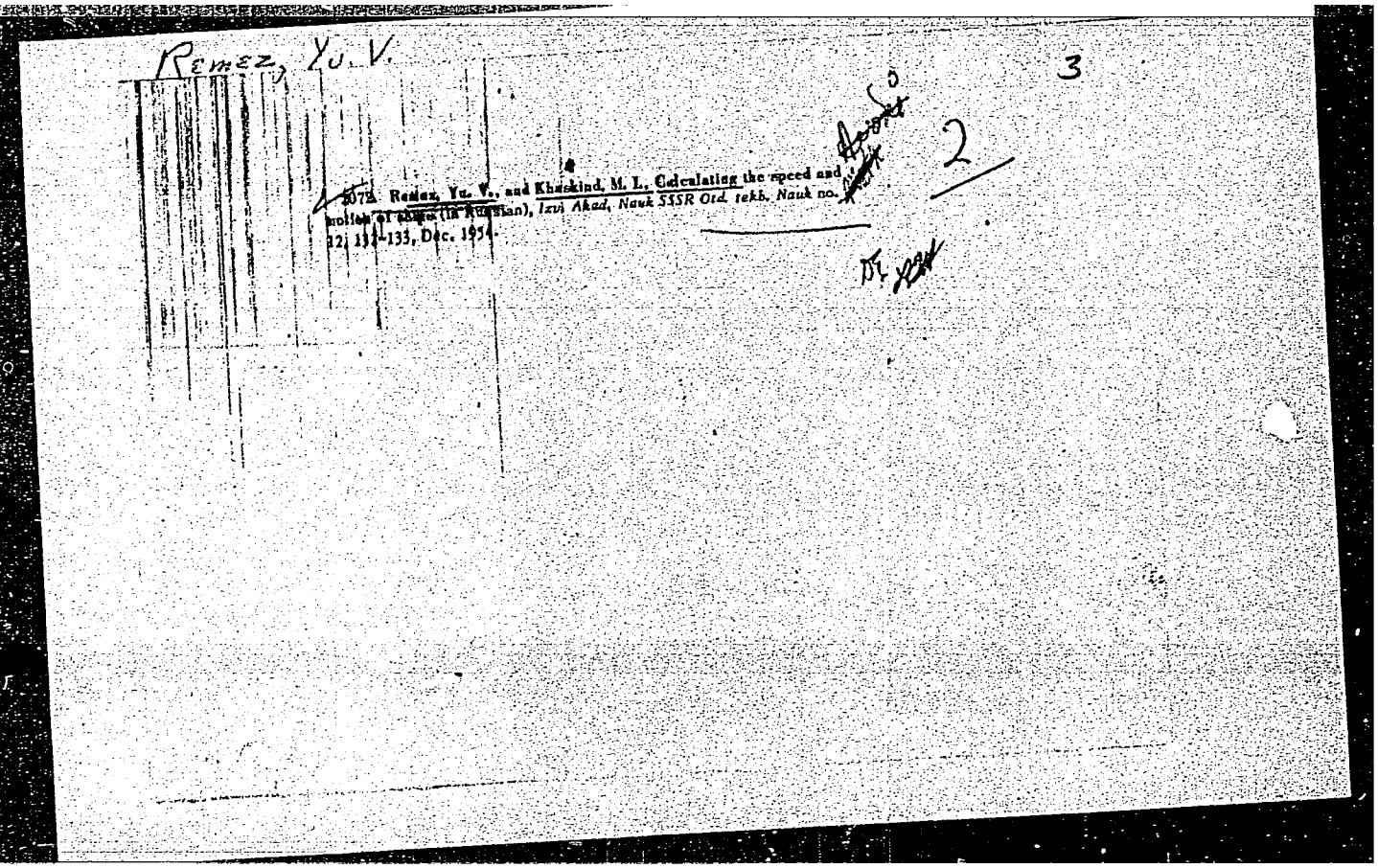

Remez, Yu. V.

3

2

3078. Remez, Yu. V., and Khaskind, M. L., Calculating the speed and [illegible] of ships (in Russian), *Izvi Akad. Nauk SSSR Otd. tekh. Nauk* no. 12, 111-133, Dec. 1954.

HEMEZ, Yu.V. (Nikolayev); KHASKIND, M.D. (Odessa)

Approximate determination of the optimum size of ships. Izv.AN SSSR.Otd.tekh.nauk no.4:145-146 Ap '56. (MLRA 9:8)
(Shipbuilding)

REMEZ, Yu., dotsent, kandidat tekhnicheskikh nauk.

Evvect of certain elements of a vessel on selecting a way of riding out a storm at sea. Mor.flot 16 no.5:14-15 My '56. (MLRA 9:8)

1. Nikolayevskiy korablestroitel'nyy institut.
(Navigation) (Stability of ships)

REMEZ, Yuliy Vul'fovich; MAL'TSEV, A.M., red.izd-va; TIKHONOVA, Ye.A., tekhn.red.

[Choosing the course and speed of a ship in a gale] O vybore kursa i skorosti sudna pri shtorme. Moskva, Izd-vo "Morskoi transport," 1957. 56 p. (MIRA 11:5)
(Navigation)

SOV/124-58-2-1937

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 2, p 59 (USSR)

AUTHOR: Remez, Yu. V.

TITLE: Approximate Formulas for the Periods of the Pitching and Heaving Motion of a Ship (Priblizhennyye formuly dlya periodov kilevoy i vertikal'noy kachki korablya)

PERIODICAL: Tr. Nikolayevsk. korablestroit. in-ta, 1957, Nr 10, pp 45-48

ABSTRACT: The author makes certain assumptions relative to the shape of the ship and sets forth approximate expressions for the periods of the natural oscillations of a ship during pitching and heaving in terms of the principal dimensions and coefficients of the underwater portion of the vessel. The formulas are obtained from the general expressions of the linear theory of the motion of a ship for the periods of oscillation of the ship wherein the forces of water resistance are disregarded. It is pointed out that the formulas adduced in the paper achieve a fairly elevated degree of accuracy. Thus, for example, the error of a calculation by means of these formulas of the oscillatory periods as applied to the ship "Dneproges" does not exceed 2 percent.

A. A. Kostyukov

Card 1/1

REMEZ, Yu. dotsent

Improved parallel rulers. Mor.flot 17 no.9:27 S '57. (MIRA 10:11)

1. Nikolayevskiy korablestroitel'nyy institut.
(Nautical instruments)

REMEZ, Yu., kand. tekhn. nauk, dots.

Device for selecting the right method for navigating in a storm.
Mor.flot 19 no.3:30-33 Mr '59. (MIRA 12:4)

1. Nikolayevskiy korablestroitel'nyy institut.
(Aids to navigation) (Storms)

Activity of the Scientific-Technical Society of the Shipbuilding Industry (Papers Presented at the Tenth Scientific-Technical Conference on Ship Theory

Sudostroyeniye, No 4, 1960 O. A. Firsov, Cand Tech Sci
I. I. Nikolaich, Dr. Tech Sci

Papers presented:

K. K. Fedyayevskiy, Dr Tech Sci, "The Influence of Froude Number on the Radius of Gyration of a Ship in the Case of Large Shifts of Rudder Position."

A. G. Stepanov, Engineer, "Some Results of Statistical Study of Overplanes and the Rolling of the Expeditionary Ship 'Mikhail Lomonosov'".

K. K. Fedyayevskiy, Dr Tech Sci and Yu. Kh. Klyumins, Cand Tech Sci, "Approximate Determination of Nonstationary Hydrodynamic Characteristics of Bodies of Small Elongation (Wings, Bodies of Rotation) at Large Angles of Attack."

V. Ya. Skvortsov, Engineer, "Calculation of Ship Drift During Steady-State Gyration Taking into Account the Influence on Drift Moment Magnitude of the Form of the Underwater Part of the Hull and the Angle of Inclination."

S. A. Rubinshteyn, Cand Tech Sci, "Structure of Flow Around Oscillating Wing of Low Elongation."

Th. V. Remez, Cand Tech Sci, "Longitudinal Stability of a Ship on Hydrofoils."

V. G. Sirov, "General Theory of Wave Resistance of a Ship on Calm Water."

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S/124/62/000/008/017/030
I054/I254

AUTHOR: Remez, Yu.V.

TITLE: Approximate calculation of the frequency of vertical vibrations of an under-water wing with a finite span

PERIODICAL: Referativnyy zhurnal, Mekhanika. Svodnyy tom. no.8B, 1962, 62, abstract 8B402 (Tr. Nikolayevskogo Korablestroit. in-ta, no .23, 1961, 17-38)

TEXT: Vertical vibrations of an under-water wing with a finite span are investigated. The wing moves with its lower free surface at a given velocity partially or completely immersed in water. It is assumed that there is no cavitation or flow break-off; any adhered mass is ignored. Cases of small vibrations of the wing damped and non-damped are considered, and vibrations when an axial damper was included are also investigated. Formulae and a rule for the approximate calculation of vibration frequency are given for each case. A numerical example is given for a wing with a span of $2l$ = 3m. A non-damped vibration with finite amplitude is then considered. A definite integral, appearing in the expression for the period of vibration, is solved to an approximation. The

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ACC NR: AT7004007 (N) SOURCE CODE: UR/3239/66/000/002/0003/0014

AUTHOR: Remez, Yu. V.

ORG: None

TITLE: On the hydrodynamic theory of pitching of a ship assuming that the depth of the water is finite

SOURCE: Nikolayev. Korablestroitel'nyy institut. Sudostroyeniye i morskiye sooruzheniya, no. 2, 1966. Sudostroyeniye (Shipbuilding), 3-14

TOPIC TAGS: marine engineering, hydrodynamic theory, wave mechanics, ship

ABSTRACT: The author solves the boundary problem for pitch, yaw and heaving of a vessel on regular waves in water of a finite depth. It is assumed that the ship is moving with an average velocity v on the surface of an incompressible ideal heavy liquid of depth h. The angle between the velocity of the ship and the phase velocity of the oncoming regular, low-amplitude waves is taken as equal to π. Two coordinate systems are used, one moving in space with a velocity v and the other inseparably associated with the ship. Both systems coincide when there is no oscillatory motion. Assuming that the motion of the liquid is irrotational, the velocity potential $\Phi(x, y, z, t)$ is found as a harmonic function satisfying given boundary conditions on the bottom of the basin, on the surface of the ship and on the free surface of the liquid. The resultant velocity potentials may be used for determining the forces acting on the ship. Orig. art. has: 77 formulas.

SUB CODE: 20/ SUBM DATE: None/ ORIG REF: 006/ OTH REF: 002

Card 1/1

SOV/68-58-12-3/25

AUTHOR: Yurovskiy, A.Z. (Doctor of Technical Science) and Remesnikov, I.P. (Candidate of Technical Science)

TITLE: Thermomagnetic Method of Beneficiation and Desulphurisation of Coals (Termomagnitnyy metod obogashcheniya i obessernivaniya ugley)

PERIODICAL: Koks i Khimiya, 1958, Nr 12, pp 8-13 (USSR)

ABSTRACT: A new method of beneficiation mainly desulphurisation of coal under development in the Institute of Mineral Fuels of the Academy of Science of the USSR is described. The principle of the method is as follows: a pyritic coal is submitted to a short (2-5 min) thermal treatment in an air-stream atmosphere (temp. 120-360°C) under the influence of which the surface of the pyritic grains becomes magnetic. This is due to the formation of a thin film of either magnetite, γ - ferric oxide or ferrous sulphate. The treatment is followed by a high or medium intensity magnetic separation with the production of two fractions: 1) magnetic - enriched in sulphur and ash, and 2) non-magnetic of a lower ash and sulphur content than the initial coal. Laboratory experiments were carried out on a fine coal (1-0mm). Thermal treatment

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Thermomagnetic Method of Beneficiation and Desulphurisation of Coals

of the coal was done in a rotating drum at 320-340°C for 2-5 min (Fig 1) followed by a magnetic separation (Fig 2). The experimental results obtained are shown in Tables 1 and 2. It is considered that the method can be applied: in conjunction with the new technique of production of coke at present under development (ref 2); in beneficiation of fines and dust of coal washeries on which these products are not beneficiated by a wet method; additional beneficiation of flotation concentrates and fine concentrates (1-0 and 3-0 mm) utilising coal drying equipment for the thermal treatment. The method was also tested on the secondary beneficiation of fine concentrates which passed drying process. The results (Table 3) indicated that mineral admixture in coal which passed the drying process on existing installations acquire magnetic properties.

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SOV/68-58-12-3/25

Thermomagnetic Method of Beneficiation and Desulphurisation of Coals

The investigation on the possible application of the method is being continued.
There are 3 tables, 2 figures and 5 references, all Soviet.

ASSOCIATION: IGI AN SSSR

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GAVRILYUK, Vera Trofimovna; REMEZ, Ye.Ya., otv.red.; KISINA, I.V., red.izd-va; BOGDANOV, S.M., tekhn.red.

[Convergence of multiple and singular integrals] Nekotorye voprosy skhodimosti mnogomernykh singuliarnykh integralov. Kiev, Izd-vo Akad.nauk USSR, 1958. 48 p. (MIRA 12:3)

1. Chlen-korrespondent AN USSR (for Remez).
(Integrals) (Convergence)

REMEZH, E. Ya.

3

Remež, E. Ya. On effective solution of a system of inconsistent linear equations according to Čebyšev's principle of best uniform approximation. Dopovidi Akad. Nauk Ukrain. RSR 1956, 315–320. (Ukrainian. Russian summary)

The author discusses methods of solving systems of inconsistent linear equations

$$F_i(x) \equiv \sum_{j=1}^{n} a_{ij}x_j + b_i = 0 \quad (i = 1, 2, \cdots, N)$$

according to Čebyšev's principle of best uniform approximation

$$\max|F_i(x)| = \min \quad (i = 1, 2, \cdots, N).$$

After a concise summary of the methods elaborated previously, the author gives a preview of a forthcoming monograph which presents a new effective numerical method of prevailing deviations for the solution of the problem.

S. Kulik (Columbia, S.C.).

Math

GOL'BIN, Yakov Abramovich. Prinimali uchastiye: PASHKEVICH, O.N., kand. ekonom.nauk; REMEZKOVA, A.Z., nauchnyy sotrudnik. VEDUTA, N.I., kand.ekonom.nauk, red.; INTYAKOV, N.G., kand.tekhn.nauk, red.; STRIZHONOK, M., red.izd-va; VOLOKHANOVICH, I., tekhn.red.

[Economic aspects of founding] Voprosy ekonomiki liteinogo proizvodstva. Minsk, Izd-vo Akad.nauk BSSR, 1960. 261 p. (MIRA 13:10)

(Founding)

REMEZOV, L.; TIKHOMIROV, I. [Tykhomirov, I.]

Improved methods for mechanizing the stall system of keeping cows. Mekh. sil'. hosp. 14 no.8:26-27 Ag '63. (MIRA 17:1)

1. Donetskaya oblastnaya issledovatel'skaya stantsiya.

RUSSEL, Sir Edward John, 1872- SPICHKIN, I.M.[translator]; REMEZOV, N.M., redaktor

[Soil conditions and plant growth. Translated from the English] Pochvennye usloviia i rost rastenii. Perevod s angliiskogo I.M. Spichkina. Pod obshchey red. i s predisl. N.M.Remezova. Moskva, Izd-vo inostrannoi lit-ry, 1955 623 p. (MLRA 10:1)
(Growth (Plants)) (Soils)

REMEZOV, N.P. DECEASED 1962/6
C' 1961

SEE ILC

SOIL PHYSICS

POGREBNYAK, P.S., akademik

In memory of N. P. Remezov. Trudy Vor. gos. zap. no.13:7-8 '61.
(MIRA 16:8)

1. Akademiya nauk UkrSSR.
(Remezov, Nil Petrovich, 1899-1961)

ISAYEV, Aleksey Il'ich, doktor tekhn. nauk, prof.; KIRILLOVA, Ol'ga Mikhaylovna, inzh.; REMEZOV, N.S., inzh., ved. red.; RUKAVISHNIKOV, V.I., inzh., red.; SMIRNOV, B.M., tekhn.red.

[Investigating the cutting properties of cutting tools with TSM-332 ceramic metal tips]Issledovanie rezhushchikh svoistv reztsov s mineralokeramicheskimi plastinkami TsM-332. Moskva, Filial Vses.in-ta nauchn. i tekhn.informatsii, 1957. 17 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 11 No.M-57-68/3) (MIRA 16:3)

(Metal-cutting tools--Testing)

TUCHKOVA, L.K., inzh., ved. red.; SHELKOV, N.I., inzh., ved. red.; NEUSYPIN, A.M., inzh., ved. red.; REMEZOV, N.S., inzh., ved. red.; SOKOLOVA, V.Ye., inzh., ved. red.; SMIRNOV, B.M., tekhn. red.; SOROKINA, T.M., tekhn. red.;

[Metal-cutting tools, abrasives, tool sharpening, and the organization of the tool shop] Rezhushchie instrumenty, abrazivy, zatochnye raboty i organizatsiia instrumental'nogo khoziaistva. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1957. 4 v. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 11. Nos. M-57-45/2, M-57-117/5, M-57-145/8, M-57-184/10) (MIRA 16:3)
(Metal-cutting tools)

SHER, Grigoriy Samuilovich; REMEZOV, N.S., inzh., ved. red.; MALOV, A.N., kand. tekhn. nauk, red.; SOROKINA, T.M., tekhn. red.

[Combination dies of consecutive and simultaneous action]Kombinirovanie shtampy posledovatel'nogo i sovmeshchennogo deistviia Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii, 1958. 13 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 6. No.M-58-142/3) (MIRA 16:3)
(Sheet-metal working machinery)

REMEZOV, N.S., inzh., ved. red.; OL'SHANSKAYA, I.V., inzh., ved. red.; L'VOV, D.S., kand. tekhn. nauk, red.; SOROKINA, T.M., tekhn. red.

[Forging, drop forging, periodic rolling, and the extrusion of metals]Kovka, goriachaia shtampovka, periodicheskaia prokatka i pressovanie metallov. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii. Nos.1-3. 1958. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 5. Nos.M-58-13/1, M-58-14/2, M-58-144/6) (MIRA 16:3)
(Forging) (Extrusion (Metals))

REMEZOV, N.S., inzh., ved. red.; PONOMAREV, V.A., tekhn. red.

[Sheet-metal work, cutting, sizing, and drawing] Kholodnaia shtampovka, rubka, kalibrovka i volochenie. Moskva, Filial Vses. in-ta nauchn. i tekhn. informatsii. Nos.1,3-4. 1958. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 6. Nos.M-58-52/2, M-58-173/4, M58-248/5. (MIRA 16:3)
(Sheet-metal work) (Drawing (Metalwork))

VAKSMAN, Abram Vil'gel'movich; REMEZOV, N.S., inzh., nauchnyy red.; BAL'YAN, L.G., red. izd-va; MATVEYEVA, A.Ye., tekhn. red.

[Cylindrical cutters with inserted high-speed steel blades] Frezy tsilindricheskie so vstavnymi nozhami iz bystrorezhushchei stali. Moskva, Standartgiz, 1963. 49 p. (MIRA 16:6)

(Metal-cutting tools)

BUNDIN, Aleksandr Tikhonovich; REMEZOV, N.S., nauchnyy red.; ROGACHEV, F.V., red.; DORODNOVA, L.A., tekhn. red.

[Mechanization and automatization of forging processes] Mekhanizatsiia i avtomatizatsiia protsessov kovki i goriachei shtampovki. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 150 p. (MIRA 14:9)

(Forging machinery)

OZERETSKOVSKIY, Serafim Vasil'yevich; REMEZOV, N.S., nauchnyy red.; GRINENKO, V.F., red.; DORODNOVA, L.A., tekhn.red.

[Planing machine operator] Strogal'shchik. Moskva, Vses. uchebno-pedagog.izd-vo Proftekhizdat, 1960. 149 p. (MIRA 14:1)

(Planing machines)

DEYNEKO, Viktor Grigor'yevich, kand. tekhn. nauk; STAYEV, K.P., kand. tekhn. nauk, dotsent, retsenzent; REMEZOV, N.V., inzh., red.;

[New methods for continuous form rolling of screw threads and other profiles] Novye sposoby nepreryvnogo nakatyvaniia rez'b i drugikh profilei. Moskva, Mashgiz, 1961. 158 p. (MIRA 15:2)

(Screw threads) (Metalwork)

17(2) SOV/177-58-4-29/32

AUTHORS: Remezov, P.I., Candidate of Medical Sciences
Burov, S.A., Major of the Medical Corps, Candidate of Medical Sciences

TITLE: The Problem of Virus Neuroinfections (O probleme virusnykh neyroinfektsiy)

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 4, pp 93-94 (USSR)

ABSTRACT: In January 1958, a session devoted to virus neuroinfections took place in the Institut virusologii imeni D.I. Ivanovskogo AMN SSSR (Institute of Virology imeni D.I. Ivanovskiy of the USSR Academy of Medical Sciences) in Moskva. Representatives of Czechoslovakia, Hungary and Bulgaria participated in the congress. Ye.N. Levkovich, V.V. Pogodina, O.Ye. Rzhakhova and Professor Formosi, P.A. Petrishcheva, N.N. Gorchakovskaya, S.P. Karpov, L.P. Popova reported on the tick-born encephalitis in general. The speeches of A.K. Shubladze,

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The Problem of Virus Neuroinfections

Ye.N. Bychkova and V.A. Anan'yeva dealt with egg vaccine for prophylaxis of tick-born encephalitis. R.M. Shen pointed to the success in developing antirabies vaccine. Preliminary results of vaccination against polyomyelitis were submitted by O.V. Baroyan. T.A. Brodina and N.N. Orlova reported on the development of highly-active vaccine against Japanese encephalitis. In his lecture, A.G. Panov talked about the tasks of virological investigations in neuropathology. P.I. Remezov reported on the features of the course of certain virus neuroinfections in changed reactivity of the organism. A.M. Morozov's lecture dealt with the virus etiology of certain forms of schizophrenia.

Card 2/2

REMEZOV, P.I.

Effect of total-body irradiation and of hypothermia on certain neurological viral infections in white mice. Vop.virus. 4 no.3:315-318 My-Je '59. (MIRA 12:8)

1. Kafedra mikrobiologii i kafedra nervnykh bolezney Voyenno-meditsinskoy akademii imeni S.M.Kirova.

(VIRUS DISEASES, experimental
choriomeningitis, eff. of hypothermia & x-ray total-body irradiation (R_{us}))
(ROENTGEN RAYS effects,
on exper. choriomeningitis & encephalomyelitis (R_{us}))
(HYPOTHERMIA, eff,
same)
(ENCEPHALOMYELITIS, exper.
eff. of hypothermia & x-rays (R_{us}))

SHVARTSEV, A.I.; REMEZOV, P.I.

Clinical-virulogical studies on lymphocytic choriomeningitis.
Vop.virus. 4 no.3:323-326 My-Je '59. (MIRA 12:8)

1. Klinika nervnykh bolezney No.2 i kafedra mikrobiologii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova, Leningrad.
(VIRUS DISEASES, case reports,
lymphocytic choriomeningitis (Rus))

SARKISOV, D.S.; REMEZOV, P.I.; VISHNEVSKIY, A.A., prof., red.; KRYMSKIY, L.D., red.

[Experimental reproduction of human diseases] Vosproizvedenie boleznei cheloveka v eksperimente. Pod red. A.A.Vishnevskogo. Moskva, In-t khirurgii im. A.V.Vishnevskogo Akad.med.nauk SSSR, 1960. 779 p. (MIRA 13:10)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Vishnevskiy).

(MEDICINE, EXPERIMENTAL)

PANOV, A.G.; REMEZOV, P.I.

Effect of oxygen under pressure on the course of various experimental neurovirus infections in white mice. Vop.virus. 5 no.3: 267-272 My-Je '60. (MIRA 13:9)

1. Voyenno-meditsinskaya ordena Lenina akademiya im. S.M. Kirova, Leningrad.
(MENINGITIS) (ENCEPHALOMYELITIS)
(OXYGEN--PHYSIOLOGICAL EFFECT)

REMEZOV, P.I.; YAKOVLEVA, S.D.

Changes in the properdin level of blood serum in irradiated and nonirradiated white mice in experimental lymphocytic choriomenintitis. Vop. virus 5 no.4:431-435 Je-Ag '60. (MIRA 14:1)

1. Kafedra mikrobiologii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova, Leningrad.
(PROPERDIN) (MENINGITIS exper.)
(RADIATION—PHYSIOLOGICAL EFFECT)

25252 S/177/60/000/007/007/011
D264/D304

27.1220

AUTHOR: Remezov, P.I.

TITLE: The features of the course of certain virus infections against a background of radiation affliction

PERIODICAL: Voyenno-meditsinskiy zhurnal, no. 7, 1960, 40-45

TEXT: Since the combination of radiation sickness with virus infections complicatesdiagnosis of the etiology of the infectious process, the author studied the course of various infections (lymphocytic choriomeningitis, acute multiple encephalomylelitis, influenza, tick-borne encephalitis, etc) in white mice subjected to a single daily 500, 400, 300, 200, 100, 50 or 10 r dose (or 0.33 r twice weekly) of X-radiation for more than 6 months. Six hours before or 6 hours, 7, 21 and 90 days after irradiation the mice were infected cerebrally, per nos, per os or subcutaneously with virus in a dose of LD_{50} or more. A study was also made of the course of virus infection as affected by a combination of unfavorable factors, such as irradiation plus chilling and exhaustion. After infection,

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The features of the course... 25252 S/177/60/000/007/007/011
D264/D304

the clinical symptoms and virological characteristics of the disease were studied. The resultant data are of practical value in diagnosing virus infections complicated by the action of ionizing radiation on the body. A detailed description of the results is given. It was found that ionizing radiation greatly altered the clinical and virological picture of virus infections. Even comparatively small doses (300, 200, 100 r and less) reduced the mice's resistance to many viruses. The course of the virus infection in an irradiated animal depended both on the radiation dose and the time that had elapsed between irradiation and infection. The greatest drop in the animals' resistance to virus was noted during maximum development of their reaction to radiation. Within 3-3.5 months after irradiation their resistance returns to normal. Chronic irradiation, even in such small doses as 10 r, also reduced resistance to viruses. In this case the degree of the drop in resistance was directly proportional to the total radiation dose. Prolonged irradiation of mice twice weekly in doses of 0.33 r revealed no deviations in the clinical or virological characteristics of the virus infections, but the mortality rate was always higher than in non-irradiated animals.

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D264/D304

The features of the course...

There are 3 figures.

SUBMITTED: December, 1959

Card 3/3

YAKOVLEVA, S.D.; REMEZOV, P.I.

Properdin system in infections and various unfavorable reactions. Zhur.mikrobiol.epid.i immun. 31 no.8:7-12 Ag '60. (MIRA 14:6)

1. Iz kafedry mikrobiologii Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.
(PROPERDIN)

TOPLENINOVA, K.A.; REMEZOV, P.I.

Improving the diagnosis of rabies. Veterinariia 37 no.11:85-88 N '60. (MIRA 16:2)

(Rabies)

REMEZOV, P.I.; YAKOVLEVA, S.D.

Role of the propedrin system as a nonspecific resistance factor of the organism against the effect of ionizing radiations. Med. rad. 6 no.3:35-39 '61. (MIRA 14:5)
(RADIATION PROTECTION) (PROPERTIN)

REMEZOV, P.I.; TOPLENINOVA, K.A.

Detection of the lymphocytic choriomeningitis virus using an indirect fluorescing antibody method. Vop.psikh.i nevr. no.7:113-120 '61. (MIRA 15:8)
(MENINGITIS VIRUSES) (ANTIGENS AND ANTIBODIES)
(FLUORESCENCE MICROSCOPY)

REMEZOV, P.I.

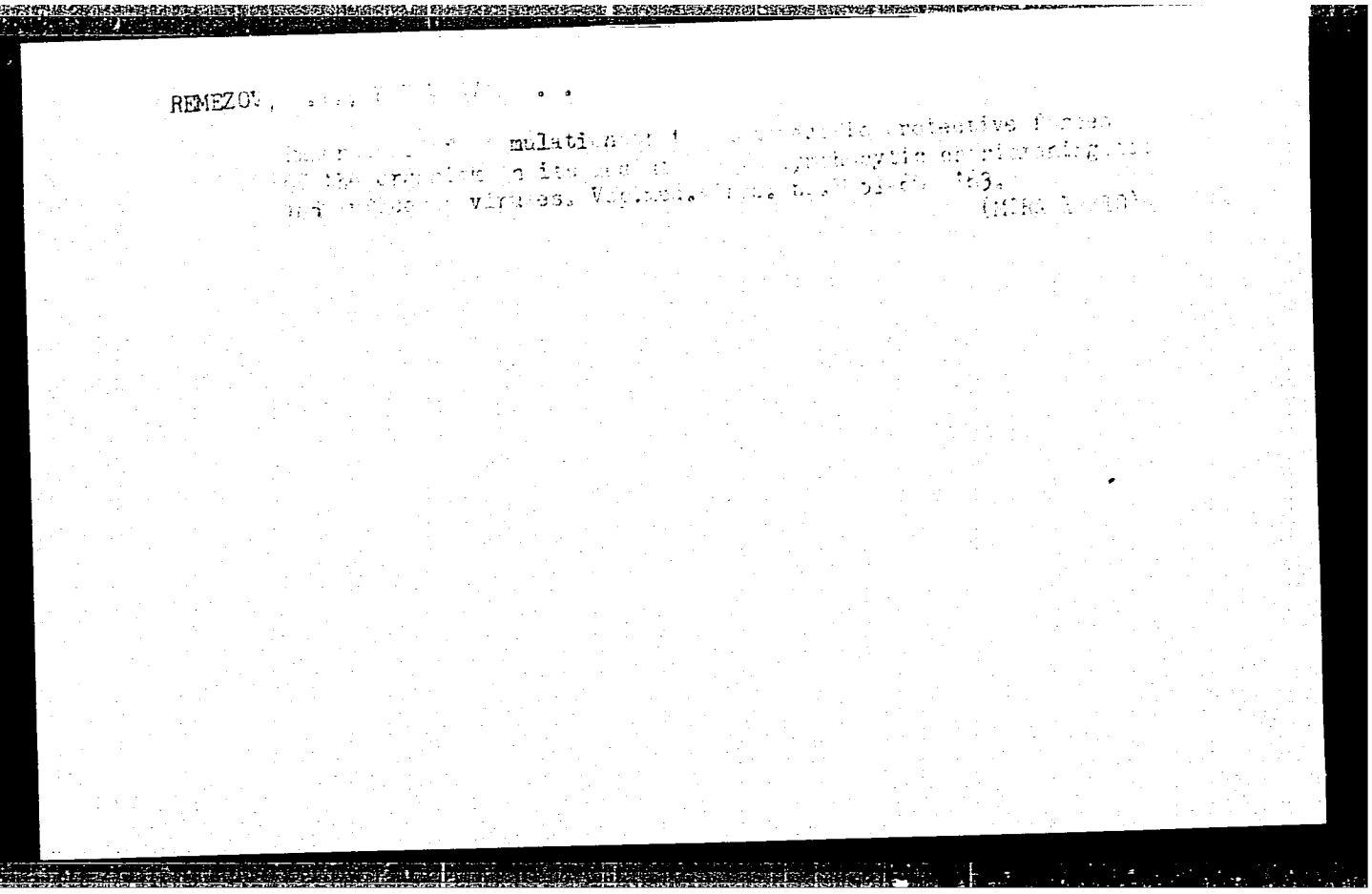
Data on the pathogenesis of experimental acute disseminated encephalomyelitis. Vest. AMN SSSR 16 no.6:9-17 '61. (MIRA 15:1)

1. Voyenno-meditsinskaya akademiya imeni S.M.Kirova, Leningrad.
(ENCEPHALOMYELITIS)

REMEZOV, P.I.; TOPLENINOVA, K.A.

Indirect method of fluorescent antibodies for diagnosing lymphocytic choriomeningitis. Veterinariia 38 no.9:84-86 S '61. (MIRA 16:8)

1. Voyenno-meditsinskaya ordena Lenina akademiya imeni Kirova.



REMEZOV,

PANOV, A.G.; REMEZOV, P.I.; SHVAREV, A.I.

Diagnosis of lymphocytic choriomeningitis. Zhur. nevr. i psikh. 63 no.10:1441-1444 '63. (MIRA 17:5)

1. Voyenno-meditsinskaya ordena Lenina akademiya imeni Kirova, Leningrad.

L 39697-65 EWA(j)/EWA(b)-2/EWT(1) JK

ACCESSION NR: AP5007792 S/0177/64/000/007/0048/0052

AUTHOR: Sinitskiy, A. A. (Professor); Remezov, P. I. (Lieutenant colonel of medical service, Doctor of medical sciences)

TITLE: Role of immunity in the control of infectious diseases

SOURCE: Voyenno-meditsinskiy zhurnal, no. 7, 1964, 48-52

TOPIC TAGS: immunization, infection, vaccine, disease control organizations

ABSTRACT: This is a literature survey of the experience of Soviet public health and the Armed Forces' medical service in the use of specific vaccination on a mass basis. Moderate to highly effective results have been obtained in controlling the following diseases: typhoid, paratyphoid, poliomyelitis, brucellosis, botulism, smallpox, diphtheria, influenza, typhus, tularemia, plague, tick-borne encephalitis, yellow fever, tetanus, gas gangrene, and rabies. Vaccination has thus far been ineffective or only of secondary significance in dysentery, parotitis, and tuberculosis. In recognition of the practical difficulties in carrying out timely mass vaccination programs, the authors recommend the use of combined vaccines to provide protection against several diseases at the same time. The aerogenic (inhalation) method of immunization proposed by N. I. Aleksandrov and N. Ye. Gefen is said to be

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ACCESSION NR: AP5007792 6

highly promising for a number of infections (not named).

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: LS, CB

NO REF SOV: 000 OTHER: 001

Card 2/2 mb

MINITSKIY, A.A., prof.; REMEZOV, P.I., podpolkovnik meditsinskoy sluzhby, doktor med. nauk

Stimulation of the natural resistance of the organism. Voen.-med. zhur. no.8:18-23 '64. (MIRA 18:5)

BORISOV, I., kand. tekhn. nauk; KUZ'MIN, V., kand. tekhn. nauk; REMEZOV, V., aspirant; BALBEROV, Yu., aspirant

Durable rafts for the Volga-Baltic Sea Waterway. Rech. transp. 24 no.8:22-23 '65. (MIRA 18:9)

1. Gor'kovskiy institut inzhenerov vodnogo transporta.

REMEZOV, V.

Towing rafts by water-jet motorships. Rech. transp.19 no.8:38-39 Ag '60. (MIRA 14:3)

1. Starshiy dispetcher Vetluzhskogo agentstva.
(Towing) (Rafts)

REMEZOV, V., starshiy dispetcher

Vetluga River during the last ten years (1951-1960). Rech. transp. 20 no.8:15-16 Ag '61. (MIRA 14:10)

1. Vetluzhskiy ekspluatatsionnyy uchastok Volzhskogo ob"yedinennogo rechnogo parokhodstva.
(Vetluga River--Inland water transportation)

KOSENKO, Z.; REMEZOV, A.; IVANOVA, G.A., ocv. red.

[Stories of the life of the brain] Rasskazy o zhizni mozga. Moskva, Izd-vo "Detskaia literatura," 19[illegible]. 190 p. (MIRA 18:3)

R...OVA, A.G.

34214. K voprosu o sootnoshenii (perifericheskogo) i (Tsentral'nogo) Faktorov v geneze i strukture nervno-psikhicheskikh narusheniy pri edstrats rebral'nykh zabolevaniyakh. V sb: Problemy Kortiko-vistseral'noy patologii. M., 1949, s. 217-28

SO: Knizhnaya Letopis' No 6, 1955

REMEZOVA, A. S.

"Psychic Disturbances Due to Extracranial Wounds." Sub 13 Apr 51. Acad Med Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

RUMYANTSOVA, G.I., fel'dsher (g. Boksitogorsk Leningradskoy oblasti)

Best way to keep silk sterile. Fel'd. i akush. 23 no.2:45-46 F '58.
(SUTURES) (MIRA 11:3)

K.

USSR/Forestry - Biology and Typology of the Forest.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67989

Author : Remezova, G.L.

Inst : Voronezh State Forest Reservation.

Title : The Growth of Oak and Linden Underbrush in Aspen Forests.

Orig Pub : Tr. Voronezhsk. gos. zapovednika, 1957, No 7, 53-64.

Abstract : Observations (1953) in the Voronezh State Forest have determined that in aspen forests on grey, forest, sandy soil, oak underbrush grows from seed in quantity sufficient to replace the aspen plantation by oak. However, in very thick plantations (0.7-1.0) the underbrush is suffocated and needs to be looked after. If, through several cuttings, the thickness of the grove is reduced to 0.4, the aspens will gradually be replaced by oak or linden. The first thinning should be carried out when the greater

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REMEZOVA, G.L.

Changes in the grass cover of oak forests as related to the age of stands. Trudy Inst. lesa 33:166-182 '57. (MIRA 10:10)
(Forest influences)

REMEZOVA, G.I.

REMEZOVA, G.I.

Flora of the central Ural Valley. Trudy Inst. lesa 34:376-396 '57.
(Ural Valley--Botany) (MLRA 10:6)

REMEZOVA, G.L., kand.biol.nauk, Moskva.

Flowering of Siberian squill. Priroda 49 no.5:112-113 My '60. (MIRA 13:5)
(Squill)

REMEZOVA, G.L., kand.biologicheskikh nauk (Moskva)

Ramson. Priroda 49 no.8:107 Ag '60. (MIRA 13:8)
(Ramson)

REMEZOVA, G.L., kand.biol.nauk (Moskva)

Black alder swamps. Priroda 49 no.9:115-116 S '60. (MIRA 13:10)
(Alder)

REMEZOVA, G.L., kand.biol.nauk (Moskva)

Spring cover of an oak forest. Priroda 50 no.4:126 Ap '61. (MIRA 14:4)

(Voronezh Province—Wild flowers)

REMEZOVA, G.L., kand.biolog.nauk (Moskva)

Fallen leaves. Priroda 50 no.5:97-99 My '61. (MIRA 14:5)
(Leaves)

REMEZOVA, G.L.

Characteristics of the development of the herbaceous cover in oak forests. Trudy Vor. gos. zap. no.13:55-79 '61. (MIRA 16:8)

(Voronezh Preserve--Oak)
(Vornezh Preserve--Forest ecology)

REMEZOV, N.P. [deceased]; RODIN, L.Ye.; BAZILEVICH, N.I.; Prinimali uchastiye: ALEKSANDROVA, V.D.; BORISOVA, I.V.; BYKOVA, L.N.; ZONNA, S.V.; KARPOVA, V.G.; MINA, V.N.; NECHAYEVA, N.T.; PONYATOVSKAYA, V.M.; REMEZOVA, G.L.; SAMOYLOVA, Ye.M.; SMIRNOVA, K.M.; SUKHOVERKO, R.V.

Methodological instructions for studying the biological cycle of ash substances and nitrogen of terrestrial plant communities in the main natural zones of the temperate zone. Bot. zhur. 48 no.6:869-877 Je '63. (MIRA 17:1)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad i Pochvennyy institut imeni V.V. Dokuchayeva Ministerstva sel'skogo khozyaystva SSSR, Moskva.

REMEZOVA, M. V.

OSU-A 354

Nektryye Morfologicheskiye Velichiny Teletskogo Ozera: Some Morphological data for Lake Teletskoye Issledovaniya Ozer SSSR: Gosudarstvennyy Gidrologicheskiy Institut, No. 7, 1934, pp. 53-59.
Library of Congress, GB1707-A1L4
Part of the general report of the expedition to this lake.